

## ABSTRACT

5 The present invention provides for a software-based environment that uses data  
communication systems or networks, including the Internet and World Wide Web  
technologies, to implement a dosage calculator, which assists the clinician in managing  
patients receiving intrathecal therapy. Medical professionals require integrated data to  
manage their patients. Implantable drug pumps can supply robust data associated with  
the drug pump. The invention provides for a communications environment for clinicians,  
pharmacists, drug pump manufactures, and patients to assess not only the information  
10 supplied by an implantable drug pump, but also integrate data from other data sources.

The present invention provides for an inexpensive and practical way for a  
physician to review the performance parameters of an implantable drug pump in a  
patient to provide optimization of the life of the drug pump and the therapeutic  
substance formulations for the patient.